



**United States Environmental Protection Agency
Region 9 Laboratory**

**1337 S. 46th Street Building 201
Richmond, CA 94804**

Date: 2/21/2012

Subject: Analytical Testing Results - Project R33911
SDG: 12041B

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

To: Richard Fetzer
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Extractable Petroleum Hydrocarbons by
GC/FID



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12041B

Reported: 02/21/12 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HW48	1202031-01	Water	02/08/12 16:06	02/10/12 09:40
HW48z	1202031-02	Water	02/08/12 16:06	02/10/12 09:40
HW23	1202031-04	Water	02/08/12 15:42	02/10/12 09:40
HW23-P	1202031-05	Water	02/08/12 15:39	02/10/12 09:40
HW21	1202031-07	Water	02/09/12 10:53	02/10/12 09:40
HW21z	1202031-08	Water	02/09/12 10:53	02/10/12 09:40
HW22	1202031-10	Water	02/09/12 10:42	02/10/12 09:40
HW22-P	1202031-11	Water	02/09/12 10:50	02/10/12 09:40

SDG ID 12041B

Insufficient sample volume was provided to perform matrix spike / matrix spike duplicate (MS/MSD) analysis on any samples for this sample delivery group.

Work Order(s)

1202031



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202031-01						Water - Sampled: 02/08/12 16:06			
Sample ID: HW48						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		94 %		60-127%		"	"	"	
Lab ID: 1202031-02						Water - Sampled: 02/08/12 16:06			
Sample ID: HW48z						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		90 %		60-127%		"	"	"	
Lab ID: 1202031-04						Water - Sampled: 02/08/12 15:42			
Sample ID: HW23						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		86 %		60-127%		"	"	"	
Lab ID: 1202031-05						Water - Sampled: 02/08/12 15:39			
Sample ID: HW23-P						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		101 %		60-127%		"	"	"	
Lab ID: 1202031-07						Water - Sampled: 02/09/12 10:53			
Sample ID: HW21						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		96 %		60-127%		"	"	"	
Lab ID: 1202031-08						Water - Sampled: 02/09/12 10:53			
Sample ID: HW21z						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		90 %		60-127%		"	"	"	
Lab ID: 1202031-10						Water - Sampled: 02/09/12 10:42			
Sample ID: HW22						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		91 %		60-127%		"	"	"	
Lab ID: 1202031-11						Water - Sampled: 02/09/12 10:50			



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202031-11						Water - Sampled: 02/09/12 10:50			
Sample ID: HW22-P						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	250	ug/L	B2B0057	02/13/12	02/14/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	1,000	"	"	"	"	8015C/SOP385
<i>Surrogate: Hexacosane</i>		89 %		60-127%		"	"	"	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2B0057 - 3520C CLLE - TPH - Extractable						Prepared: 02/13/12 Analyzed: 02/14/12				
						Extractable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control				
Blank (B2B0057-BLK1)										
TPH - Diesel Range Organics	ND	U		250 ug/L						
TPH - Oil Range Organics	ND	U		1,000 "						
Surrogate: Hexacosane		136		"		150		90	60-127	
LCS (B2B0057-BS1)										
TPH - Diesel Range Organics	1,340			250 ug/L	1500		90	54-115		
Surrogate: Hexacosane		145		"		150		96	60-127	



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Qualifiers and Comments

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.